



# WISCONSIN EPHEMERAL PONDS PROJECT

EPHEMERAL POND DATA FORM – 2008 Page 1

OFFICE USE

Partner Name: Crazy Jakes Nature Ctr Date: 21Jun08 Time: Start 1015 End 11:00 (am) pm

**A. Basin Location** Station ID: \_\_\_\_\_ PEP ID: P101  
PLSS<sup>1</sup>: Twp 9 N Range 4 E / W Sec 33, SE  $\frac{1}{4}$  SW  $\frac{1}{4}$   
County: Ozaukee Local Name: Ephemeral Pond Natural Area  
Written directions to pond<sup>1</sup>: Park at west end of Natural Area's  
Parking lot. Follow trail to 1<sup>st</sup> sitting bench. Take bearing 247  
and walk 125 m. Pond is on edge of woods near farm land..  
GPS Coord<sup>1</sup>: 43.64588 LAT 89.64588 LON (00.00000)  
(Deg-Min-Sec)  
Reported GPS Error<sup>1</sup>: 12 m (noted in GPS window)  
GPS Coordinate System<sup>1</sup>: ☒ WGS84 ☐ NAD83 ☐ WTM83/91  
Property Ownership<sup>1</sup>: Public Private Unknown  
**YOU MUST FIRST HAVE LANDOWNER PERMISSION PRIOR TO**  
**CONDUCTING ANY SURVEYS ON PRIVATE LANDS**

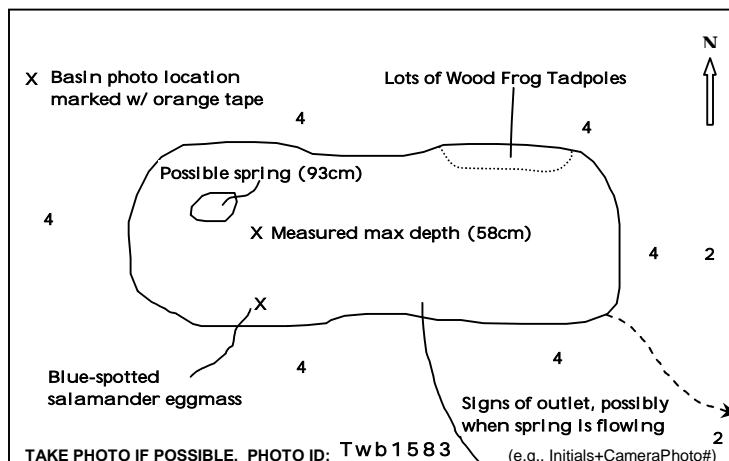
**B. Observer Contact** WAMS ID: \_\_\_\_\_  
Name: Carry Lupulina (Print)  
Address<sup>1</sup>: 101 Sedgemoor  
City<sup>1</sup>: Bernville State<sup>1</sup>: WI Zip<sup>1</sup>: 00902  
Phone/Email<sup>1</sup>: 800-555-9222 / lupulina@bernville.net  
Co-observer(s): none  
Have you completed forms for this site previously? Yes ☒ No ☐

**C. Land Owner Contact (if private land)**  
Name<sup>1</sup>: \_\_\_\_\_ (Print)  
Address<sup>1</sup>: \_\_\_\_\_  
City<sup>1</sup>: \_\_\_\_\_ State<sup>1</sup>: \_\_\_\_\_ Zip<sup>1</sup>: \_\_\_\_\_  
Phone<sup>1</sup>: \_\_\_\_\_  
Landowner grants permission for volunteer to access site: Yes ☐

## D. Basin Physical and Hydrologic Status

Weather Conditions: (see codes on instruction sheet or in methods) WIND: 2 SKY: 3 AIR TEMP: 68 C / F  
Weather Comment: \_\_\_\_\_  
Basin Isolated: Y / N (?) TYPE: STREAM / DITCH / CULVERT / WOODED SWAMP / OPEN MARSH / SPRING / LAKESHORE  
Are there other ponds in the area within view from this pond?: Y / (N) / ? CONNECTED / NOT CONNECTED  
Hydroperiod History: dry by late spring ☐ dry by late summer ☐ dry by late fall ☐ doesn't dry annually ☐ Not Sure ☒  
SW % cover: 0 / 1-5 / 6-25 / 26-50 / 51-75 / (76-100) / ? % Canopy Cover: 0 / 1-5 / (6-25) / 26-50 / 51-75 / 76-100 / ?  
SW in contiguous pool?: (Y) / No, 2 or more separate pools Trees in basin<sup>1</sup>: Y / (N) / ? Dom. Sp.: \_\_\_\_\_  
Water Depth: 58 in / (cm) meas. ☒ est. ☐ Edge defined<sup>1</sup>: (Y) / Y-partial / No / ?  
High Water Mark<sup>1</sup>: 61 in / (cm) meas. ☒ est. ☐ Basin size<sup>1-dry</sup>: L \_\_\_\_\_ ft / m W \_\_\_\_\_ ft / m Circ: \_\_\_\_\_ ft / m T / P  
Water Temp: surface 52 °C (F) bottom 47 °C (F) Substrate Moist: Ponded ☒ Saturated ☐ moist ☐ dry ☐  
Water pH: \_\_\_\_\_ (0.00) DO: \_\_\_\_\_ % / mg/L Cond: \_\_\_\_\_ uS/cm Substrate Cover Type: tree leaf ☒ herb ☐ mix ☐ bare ☐  
Water color: clear / cloudy / dark / green tint / brown tint / ? Substrate<sup>1</sup>: MINERAL / ORG MUCK / ORG PEAT / SAND / GRAVEL / ?  
SHOULD THIS SITE BE CONSIDERED A VEP?: Y / N / (NOT SURE) comment: Need to come back to determine spring activity

## E. Basin Sketch<sup>1</sup> (shape, landuse, photo point, hydrology, eggmasses)



**Basin shape<sup>1</sup>**: round / oval / egg-shaped / oblong / irregular / ?  
**Prox. to nearest road<sup>1</sup>**: < 30m / 30-100m / 100-300m / > 300m ?  
**Road type<sup>1</sup>**: 2-lane paved / 2-lane other / driveway / field / ATV / ?

## F. Adjacent Landuse<sup>1</sup>

TYPE	CHECK (within 30 m of edge)
1. Developed:	yes <input type="checkbox"/> no <input checked="" type="checkbox"/> (urban, park, sidewalks)
2. Ag Cropland:	yes <input checked="" type="checkbox"/> no <input type="checkbox"/> (corn, soybean, hay, etc.)
3. Ag Pasture:	yes <input type="checkbox"/> no <input checked="" type="checkbox"/> (active grazing land)
4. Forested Upland:	yes <input checked="" type="checkbox"/> no <input type="checkbox"/> (non-wetland landscape)
5. Shrub Upland:	yes <input type="checkbox"/> no <input checked="" type="checkbox"/> (non-wetland landscape)
6. Upland Grassland:	yes <input type="checkbox"/> no <input checked="" type="checkbox"/> (non-wetland, open areas)
7. Forested Wetland:	yes <input type="checkbox"/> no <input checked="" type="checkbox"/> (wooded wetland areas)
8. Open Marsh:	yes <input type="checkbox"/> no <input checked="" type="checkbox"/> (open perennial wetlands)
9. Roads/RR's:	yes <input type="checkbox"/> no <input checked="" type="checkbox"/> (for motorized travel)

## G. Basin Disturbance: (? = not sure)

Cultivation:	Y / <u>(N)</u> / ?	Erosion:	Y / <u>(N)</u> / ?
Livestock:	Y / <u>(N)</u> / ?	Nutrients:	Y / <u>(N)</u> / ?
Rutting:	Y / <u>(N)</u> / ?	Sediments:	Y / <u>(N)</u> / ?
Draining:	Y / N / <u>(?)</u>	Refuse:	Y / <u>(N)</u> / ?
Filling:	Y / <u>(N)</u> / ?	Inv. Plants:	<u>(Y)</u> / N / ?
comment:	Found old engine oil can along edge		



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## H. Basin Vegetation

Trees:	(0) / 1-5 / 6-25 / 26-50 / 51-75 / 76-100	Dom.:
Shrubs:	0 / (1-5) / 6-25 / 26-50 / 51-75 / 76-100	Dom.: Dogwood sp.
Emerg:	0 / (1-5) / 6-25 / 26-50 / 51-75 / 76-100	Dom.: Sedge sp.
Floating:	0 / 1-5 / (6-25) / 26-50 / 51-75 / 76-100	Dom.: Duck weed
Submerg:	(0) / 1-5 / 6-25 / 26-50 / 51-75 / 76-100	Dom.:
Veg. Flats:	(0) / 1-5 / 6-25 / 26-50 / 51-75 / 76-100	Dom.:
Algae present:	(0) / 1-5 / 6-25 / 26-50 / 51-75 / 76-100	Type: filamentous / other / not sure
Bare Soil:	(0) / 1-5 / 6-25 / 26-50 / 51-75 / 76-100	Note:
CWD (>4"):	0 / 1-5 / (6-25) / 26-50 / 51-75 / 76-100	Note: Small diameter branches
Reed/Canary Grass:	(0) / 1-5 / 6-25 / 26-50 / 51-75 / 76-100	Other:

Plants in Basin: List species if sure of identity, otherwise use group (e.g. sedge, grass, mint)

sedge			
Skunk cabbage			

## I. Birds / Mammals Observed (list species observed within basin)

Vireo species			

## J. Reptile Evidence Observed (list species observed within basin)

SPECIES	SPECIES	SPECIES	SPECIES

## K. Amphibian Evidence Observed (✓ check if observed) \* characteristic of ephemeral pond

SPECIES	ADULT		EGGS	LARVAE	JUV	SPECIES	ADULT		EGGS	LARVAE	JUV
	V	C					V	C			
Bullfrog						Cricket Frog					
Green Frog						American Toad					
Pickereel Frog						Unidentified Frog					
Leopard Frog						Blue-spotted Salamander*			X		
Mink Frog						Spotted Salamander*					
Wood Frog*	X		X			E. Tiger Salamander*					
Chorus Frog*						Central Newt					
Spring Peeper*						Four-toed Salamander					
C. Gray Treefrog						Red-backed Salamander					
E. Gray Treefrog						Unidentified Salamander					

## L. Aquatic Invertebrate Evidence Observed (check if observed) \* characteristic of ephemeral pond

SPECIES	✓	SPECIES	✓	SPECIES	✓	SPECIES	✓	SPECIES	✓	SPECIES	✓
Alderfly		Cranefly		Fishing Spider		Marsh Treader		Seed Shrimp		W. Scorpion	
Amphipod/Scud		Crawl. W. Beetle		Mussel		Mayfly		Soldier Fly		Water Strider	
Aquatic Worm		Crayfish		Giant W. Bug		Mosquito		Springtail		Whirligig Beetle	
Backswimmer		Damselfly		Gilled Snail		Phantom Midge	X	Stoneflies			
Bristle Worm		Daphnia		Gordian Worm		Planaria		Tubifex Worm			
Caddisfly		Dragonfly		Hydra		Planorbis Snail		Water Boatman			
Chironomid Midge	X	Fairy Shrimp*		Isopod		Pouch Snail	X	Water Mite			
Clam Shrimp		Fingernail Clam*		Leech		P. Diving Beetle		W. Penny Beetle			
Copepod		Fishfly	X	Marsh Beetle		Pygmy Backswimmer		W. Scav. Beetle			

## M. Observer Comments: (attach additional sheets as needed)

Pond basin has deep hole that may be an inactive spring. Vireo observed foraging on branches on water surface. My gut tells me this IS a VEP. If spring is not active next visit, I will call it a VEP!

### MAIL TO:

WI EPHEMERAL PONDS PROJECT  
WI Dept. of Natural Resources WT/4  
P.O. Box 7921, 101 S. Webster St.  
Madison, WI 53707

<sup>1</sup> = Collect information only once in any given year